Name of the Work : Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises
Total Weight in gr	3000

SIEVE ANALYSIS

Type of Material	40 mm down size	Proposed Use	PCC
Sample Location	At Site	Date of Sampling	20/01/2018
		Date of Testing	20/01/2018

IS Sieve Size	Weight Retained in gm	Cum. Weight Retained in gm	Cumulative Weight Retained in %	Cumulative Weight Passing in %	Specific Limits as per IS 383-1970 (RA-2007) % of Passing For Graded Aggregate of Nominal Size
80.00mm	0	0	0.00	100.00	100
63.00mm	0	0	0.00	100.00	-
40.00mm	111	111	3.70	96.30	95-100
20.00mm	1545	1656	55.20	44.80	30-70
10.00mm	642	2298	76.60	23.40	10-35
4.75mm	593	2891	96.37	3.63	0-5
Pan	109	3000	100.00	0.00	

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

TEJUS CONSULTANTS

W.O.S

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

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TEST REPORT					
Clients	Bruhat Bangalore Mahanagara Palike				
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli				
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore				
Contractor	M/s Karthik Enterprises				
Total Weight in g	3000				

SIEVE ANALYSIS

Type of Material	40 mm down size			Proposed Use	PCC
Sample Location	At Site			Date of Sampling	20/01/2018
				Date of Testing	20/01/2018
IS Sieve Size	Weight Retained in gm	Cum. Weight Retained in gm	Cumulative Weight Retained in %	Cumulative Weight Passing in %	Specific Limits as per IS 383-1970 (RA-2007) % of Passing For Graded Aggregate of Nominal Size
80.00mm	0	0	0.00	100.00	100
63.00mm	0	0	0.00	100.00	-
40.00mm	100	100	3.33	96.67	95-100
20.00mm	1466	1566	52.20	47.80	30-70
10.00mm	582	2148	71.60	28.40	10-35
4.75mm	726	2874	95.80	4.20	0-5
Pan	126	3000	100.00	0.00	
Remarks :	Satisfactory / Not Satisfactory				

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	**Sand/M sand**	**Proposed Use**	Concrete
Location/Source	**At Plant/site**	**Date of Sampling**	20/01/2018
Period of Soaking	**24 hours**	**Date of Testing**	20/01/2018

Sl. No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	Average
A	Weight of sturated surface dry sample gm.	652	663	649	
B	Weight of oven - dry sample gm.	644	655	641	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1684	1691	1683	
E	Bulk specific gravity $\frac{B}{(C+A-D)}$	2.650	2.652	2.660	**2.654**
G	Absorption (%) $\frac{(A-B)*100}{B}$	1.242	1.221	1.248	**1.237**

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Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SIEVE ANALYSIS

Total Weight:	**3000** gms				
Type of Material	**Fine aggregate (River Sand/M sand)**		**Proposed Use**	Concrete	
Sample Location	At Plant/site		**Date of Sampling**	20/01/2018	
			Date of Testing	20/01/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing (Zone-II)**
10.00 mm	0	0	0	100.00	**100**
4.75 mm	220	220	7.33	92.67	**90 - 100**
2.36 mm	260	480	16.00	84.00	**75 - 100**
1.18 mm	490	970	32.33	67.67	**55 - 90**
0.600 mm	520	1490	49.67	50.33	**35 -59**
0.300 mm	692	2182	72.73	27.27	**8-30**
0.150 mm	580	2762	92.07	7.93	**0 - 10**
Pan	238	3000			**-**

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SIEVE ANALYSIS

Total Weight:	**3000** gms				
Type of Material	**Fine aggregate (River Sand/M sand)**		**Proposed Use**	Concrete	
Sample Location	At Plant/site		**Date of Sampling**	20/01/2018	
			Date of Testing	20/01/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing (Zone-II)**
10.00 mm	0	0	0	100.00	**100**
4.75 mm	220	220	7.33	92.67	**90 - 100**
2.36 mm	260	480	16.00	84.00	**75 - 100**
1.18 mm	490	970	32.33	67.67	**55 - 90**
0.600 mm	520	1490	49.67	50.33	**35 -59**
0.300 mm	692	2182	72.73	27.27	**8-30**
0.150 mm	580	2762	92.07	7.93	**0 - 10**
Pan	238	3000			**-**
Remarks :			Satisfactory / Not Satisfactory		

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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Test Report on Cement

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Sample ID	Cement
Date of Sample Tested	20/01/2018
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	42 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	375 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	4mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	

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Assistant Executive Engineer,
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Yelahanka Zone, B.B.M.P.,
Bangalore.

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Test Report on Cement

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Sample ID	Cement
Date of Sample Tested	20/01/2018
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	36 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	398 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	6mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	

TEJUS CONSULTANTS

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Yelahanka Zone, B.B.M.P
Bangalore.

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TEST REPORT

Clients	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli	
Project	Bruhat Bangalore Mahanagar Palike	
Consultants	TEJUS CONSULTANTS	
Contractor	M/s Karthik Enterprises	
Total Weight:	10000	gms

SIEVE ANALYSIS

Type of Material	20 mm down size		**Proposed Use**		
Sample Location	At Plant		**Date of Sampling**	28/01/2018	
			Date of Testing	28/01/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	**100**
20.00 mm	250	250	2.50	97.50	**95 - 100**
10.00 mm	4700	4950	49.50	50.50	**25 - 55**
4.75 mm	4500	9450	94.50	5.50	**0 - 10**
Pan	550	10000			
Remarks :	Satisfactory / Not Satisfactory				

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

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TEST REPORT

Clients	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli	
Project	Bruhat Bangalore Mahanagar Palike	
Consultants	TEJUS CONSULTANTS	
Contractor	M/s Karthik Enterprises	
Total Weight:	10000	gms

SIEVE ANALYSIS

Type of Material	20 mm down size		**Proposed Use**		
Sample Location	At Plant		**Date of Sampling**	28/01/2018	
			Date of Testing	28/01/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	**100**
20.00 mm	278	278	2.78	97.22	**95 - 100**
10.00 mm	4698	4976	49.76	50.24	**25 - 55**
4.75 mm	4210	9186	91.86	8.14	**0 - 10**
Pan	814	10000			

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike	
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli	
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore	
Contractor	M/s Karthik Enterprises	
Total Weight:	10000	gms

SIEVE ANALYSIS

Type of Material	**12.5 mm down size**		**Proposed Use**	Concrete	
Sample Location	Plant		**Date of Sampling**	28/01/2018	
			Date of Testing	28/01/2018	
IS Sieve Size (in mm)	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
20.0	0	0	0	100	100
12.5	578	578	5.78	94.22	90-100
10.0	3500	4078	40.78	59.22	40-85
4.75	5135	9213	92.13	7.87	0-10
Pan	787	10000			

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	**Sand/M sand**	**Proposed Use**	Concrete
Location/Source	**At Plant/site**	**Date of Sampling**	28/01/2018
Period of Soaking	**24 hours**	**Date of Testing**	28/01/2018

Sl. No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	Average
A	Weight of sturated surface dry sample gm.	671	674	680	
B	Weight of oven - dry sample gm.	663	666	671	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1696	1698	1702	
E	Bulk specific gravity $\frac{B}{(C+A-D)}$	2.652	2.653	2.652	**2.653**
G	Absorption (%) $\frac{(A-B)*100}{B}$	1.207	1.201	1.341	**1.250**

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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PRECAST SLAB (CORE) TEST REPORT

Client	:	Bruhat Bangalore Mahanagara Palike
Contractor	:	M/s Karthik Enterprises
Name of Work	:	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
No.of Sample Tested	:	3
Date of Testing	:	14/02/2018
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20} . 100mm thick

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	90.00	0.456	2580.43	1.80	0.960	38.20	19.46	21.01	20.17	25.21
2	50.00	90.00	0.450	2546.48	1.80	0.960	38.45	19.58	21.15	20.30	25.38
3	50.00	90.00	0.444	2512.53	1.80	0.960	38.44	19.58	21.14	20.30	25.37

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Consultant's Representative

TEJUS
CONSULTANTS

PRECAST SLAB (CORE) TEST REPORT

Client	:	Bruhat Bangalore Mahanagara Palike
Contractor	:	M/s Karthik Enterprises
Name of Work	:	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
No.of Sample Tested	:	3
Date of Testing	:	14/02/2018
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20} . 100mm thick

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	90.00	0.470	2659.66	1.80	0.960	38.10	19.40	20.96	20.12	25.15
2	50.00	90.00	0.460	2603.07	1.80	0.960	38.00	19.35	20.90	20.07	25.08
3	50.00	90.00	0.430	2433.30	1.80	0.960	37.95	19.33	20.87	20.04	25.05

Note:

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Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Consultant's Representative

TEJUS
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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SIEVE ANALYSIS

Total Weight:	**3000** gms				
Type of Material	**Fine aggregate (River Sand/M sand)**		**Proposed Use**	Concrete	
Sample Location	At Plant/site		**Date of Sampling**	16/02/2018	
			Date of Testing	16/02/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing (Zone-II)**
10.00 mm	0	0	0	100.00	**100**
4.75 mm	215	215	7.17	92.83	**90 - 100**
2.36 mm	280	495	16.50	83.50	**75 - 100**
1.18 mm	490	985	32.83	67.17	**55 - 90**
0.600 mm	520	1505	50.17	49.83	**35 -59**
0.300 mm	680	2185	72.83	27.17	**8-30**
0.150 mm	520	2705	90.17	9.83	**0 - 10**
Pan	295	3000			**-**
Remarks :			Satisfactory / Not Satisfactory		

Consultant's Representative

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s Karthik Enterprises

SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

Type of Material	**Sand/M sand**	**Proposed Use**	Concrete
Location/Source	**At Plant/site**	**Date of Sampling**	16/02/2018
Period of Soaking	**24 hours**	**Date of Testing**	16/02/2018

Sl. No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	Average
A	Weight of sturated surface dry sample gm.	669	658	647	
B	Weight of oven - dry sample gm.	661	651	639	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1695	1688	1681	
E	Bulk specific gravity $\frac{B}{(C+A-D)}$	2.655	2.657	2.651	**2.654**
G	Absorption (%) $\frac{(A-B)*100}{B}$	1.210	1.075	1.252	**1.179**

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEJUS
CONSULTANTS

Test Report on Cement

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Sample ID	Cement
Date of Sample Tested	16/02/2018
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	32 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	350 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	5 mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	

Assistant Executive Engineer,
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Test Report on Cement

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Sample ID	Cement
Date of Sample Tested	16/02/2018
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	31 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	360 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	5 mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEJUS
CONSULTANTS

Test report on Compressive strength of concrete cubes

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Grade of concrete:	M35
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	16/02/2018	23/02/2018	7 days	8.822	22500	473	21.02	21.01
2	16/02/2018	23/02/2018	7 days	8.865	22500	475	21.11	
3	16/02/2018	23/02/2018	7 days	8.722	22500	470	20.89	

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEJUS
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Test report on Compressive strength of concrete cubes

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	M/s Karthik Enterprises
Grade of concrete:	M35
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm^2	KN	N/mm^2	N/mm^2
1	16/02/2018	16/03/2018	28 days	8.582	22500	789	35.07	35.01
2	16/02/2018	16/03/2018	28 days	8.762	22500	788	35.02	
3	16/02/2018	16/03/2018	28 days	8.560	22500	786	34.93	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEJUS
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TEST REPORT

Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli				
Clients	Bruhat Bangalore Mahanagar Palike				
Consultants	TEJUS CONSULTANTS				
Contractor	M/s Karthik Enterprises				
Total Weight:	10000	gms			

SIEVE ANALYSIS

Type of Material	20 mm down size		**Proposed Use**		
Sample Location	At Plant		**Date of Sampling**	16/02/2018	
			Date of Testing	16/02/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	**100**
20.00 mm	262	262	2.62	97.38	**95 - 100**
10.00 mm	4982	5244	52.44	47.56	**25 - 55**
4.75 mm	4125	9369	93.69	6.31	**0 - 10**
Pan	631	10000			

Remarks : Satisfactory / Not Satisfactory

Consultant's Representative

TEJUS CONSULTANTS

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

TEJUS
CONSULTANTS

TEST REPORT					
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli				
Clients	Bruhat Bangalore Mahanagar Palike				
Consultants	TEJUS CONSULTANTS				
Contractor	M/s Karthik Enterprises				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	20 mm down size		**Proposed Use**	**Concrete**	
Sample Location	At Plant		**Date of Sampling**	16/02/2018	
			Date of Testing	16/02/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	**100**
20.00 mm	281	281	2.81	97.19	**95 - 100**
10.00 mm	4921	5202	52.02	47.98	**25 - 55**
4.75 mm	4315	9517	95.17	4.83	**0 - 10**
Pan	483	10000			
Remarks :	Satisfactory / Not Satisfactory				

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TEST REPORT					
Project	Name Of work : - Improvements to Road,Drain and Footpath in 5th Main Road and abutting Cross Roads of Tatanagar in Ward No.8, Kodigehalli				
Clients	Bruhat Bangalore Mahanagar Palike				
Consultants	TEJUS CONSULTANTS				
Contractor	M/s Karthik Enterprises				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	20 mm down size		**Proposed Use**	**concrete**	
Sample Location	At Plant		**Date of Sampling**	16/02/2018	
			Date of Testing	16/02/2018	
IS Sieve Size	**Weight Retained**	**Cum. Weight Retained**	**Cum. % Retained**	**Cum. % Passing**	**Spec. Limit (%) Passing**
40.00 mm	0	0	0	100	**100**
20.00 mm	262	262	2.62	97.38	**95 - 100**
10.00 mm	4952	5214	52.14	47.86	**25 - 55**
4.75 mm	4268	9482	94.82	5.18	**0 - 10**
Pan	518	10000			
Remarks :	Satisfactory / Not Satisfactory				

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